

OUTLOOK

The University of Maryland College Park

September 8, 1986

News Briefs

Dorm Overflow Nil

Of the 7,687 students housed in UMCP's 31 dormitories this fall, only 50 have been asked to accept temporary arrangements due to overflow conditions, according to Resident Life Manager Jan Davidson. The 50 overflow students now reside in "emergency triples," dorm rooms in which one extra bed has been added. "Additional space will be available due to no-shows," Davidson says. "We guarantee overflow students a room within two weeks of the opening of school."

ATMs Come to Campus

Three Automatic Teller Machines (ATMs) have been installed on the UMCP campus to serve faculty, staff and students. Two are operated under an agreement between UMCP and Citizens Bank of Maryland, the third by the Credit Union. The Citizens ATMs, one of which is located on Stadium Drive in front of Ellicott Hall and the other at Lot V on the southeast corner of South Campus Dining Hall, will eventually be networked, offering depositors of other area financial institutions the convenience of on-campus banking. The Credit Union ATM is located adjacent to the Rekord Armory at Lot C.

New Life Insurance Plan

The University Board of Regents has approved a new voluntary life insurance program for all permanent employees through the Commercial Life Insurance Company. Effective Oct. 1, the plan will be available to all half-time and full-time faculty and staff who have not yet reached age 70. According to Gene Edwards, staff benefits manager, the plan complements the program now available through Teachers Insurance and Annuity Association. "The TIAA plan is limited to faculty and associate staff only," he says, "whereas the Commercial Life plan is open to all employees." The new plan offers coverage options ranging from \$20,000 to \$500,000.

Regents Approve FY '88 Budget Request

On August 22 the Board of Regents approved The University of Maryland 1987-88 operating budget request which includes \$493 million for the State-Supported Program. The UM asking budget within the Maximum Agency Request Ceiling (MARC) is \$335.7 million, an increase of \$23 million, (7.4 percent) over the General Funds appropriations for this year.

Faculty and professional staff will receive an average merit increment of 3.5 percent; classified staff will receive step increases, and a 1.25 percent increase is included for part-time employees. These salary increases are in addition to any cost-of-living raises granted to all state employees.

The budget request includes a major initiative—\$5 million to be used for facilities renewal University-wide to begin to correct the critical problem of a deteriorating University physical plant and infrastructure. This is the first phase of a proposed four-year approximately \$20 million plan aimed at ultimately providing adequate funding for major maintenance and repair of facilities and refurbishing of classrooms and labs. College Park is expected to receive \$2.5 million of the first \$5 million. Special funding of \$550,000 University-wide is once more directed to recruitment and retention of outstanding faculty, with about \$280,000-\$290,000 to be returned to College Park.

The budget request for the College Park Campus totals \$241 million for the State-Supported Program, representing an increase of \$12.5 million (5.5 percent) above the current year's working budget. The General Funds portion of the campus budget request totals \$156.7 million, which is \$6.8 million or 4.6 percent



more than the General Funds appropriated for this year.

Though commenting that this budget would not move the campus forward on its major goals and priorities, at his budget presentation before the Regents Chancellor Chancellor pointed out several "bright spots," including continuing support for the Institute for Advanced Computer Studies and funding to

support the Desegregation program, as well as provision for new facilities related expenses.

A total of 22.73 positions is requested, along with funding of several important initiatives, including: —\$1 million and 10 new positions for the Institute for Advanced Computer Studies. This will bring funding

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Research Network Gets NSF Grant

A \$1.4 million grant from the National Science Foundation last May will establish a regional computer network allowing researchers at 16 Southeastern universities access to supercomputers.

The grant to SURAnet—the Southeastern Universities Research Association network—is part of a larger program to build campus-based state and regional networks leading to the creation of a national academic-research communications network that will be called NSFnet.

The SURAnet grant was made to universities in 12 southeastern states and the District of Columbia for construction and operation of a regional network.

SURAnet president and UMCP professor of Physics and Astronomy Harry D. Holmgren says it will be operational by the end of the year.

"The network will provide a direct, high speed link between the universities and the NSF five supercomputer centers and extend the already substantial supercomputing access of the The University of Maryland," he says.

"In addition, creation of this network is one of the best things SURAnet could do to enhance cooperative research venturing in the southeast and is a way of beginning to realize SURAnet's fullest potential as an organization."

The network will link the consortium member institutions and they,

in turn, will be connecting points for their state higher education research networks. It will also be linked to the "backbone" network that will tie together the NSF's five university-based supercomputer centers.

SURAnet is bringing two supercomputers, at Florida State University and the University of Georgia, to the NSF network. NSF-supported supercomputer centers are located at the University of California at San Diego (which UMCP linked with via satellite last May as one of 19 SDSC members), Cornell University, the University of Illinois at Urbana-Champaign, and Princeton University. The fifth center is jointly run by Carnegie Mellon University and the University of Pittsburgh. ■

Call For Education Proposals

Oct. 1 is the deadline for College of Education faculty members to submit proposals to the Center for Educational Research and Development (CERD) Research Grants Program for 1986-1987. CERD grants up to \$5,000 may be used to obtain release time, hire research assistants, purchase equipment or meet other requirements of the proposal. For information and application forms talk with Maizie Delancey, 3119 Benjamin Bldg., x2108.

Planet Named After A'Hearn

How do you tell an astronomer such as UMCP's astronomy program director Michael A'Hearn he's done a good job? Name a planet after him, say the members of the International Astronomical Union (IAU), a group of professional astronomers and astrophysicists headquartered in Cambridge, Mass. Planet A'Hearn is actually an asteroid orbiting the Sun in a band between Mars and Jupiter. It was discovered in 1982 by astronomers at the Lowell Observatory in Flagstaff, Ariz.

RESEARCH UPDATES

A Conversation With Arnold Thackray

Dean for Graduate Studies and Research

Q. Since you've become the dean, has there been an increase in UMCP's research funding?

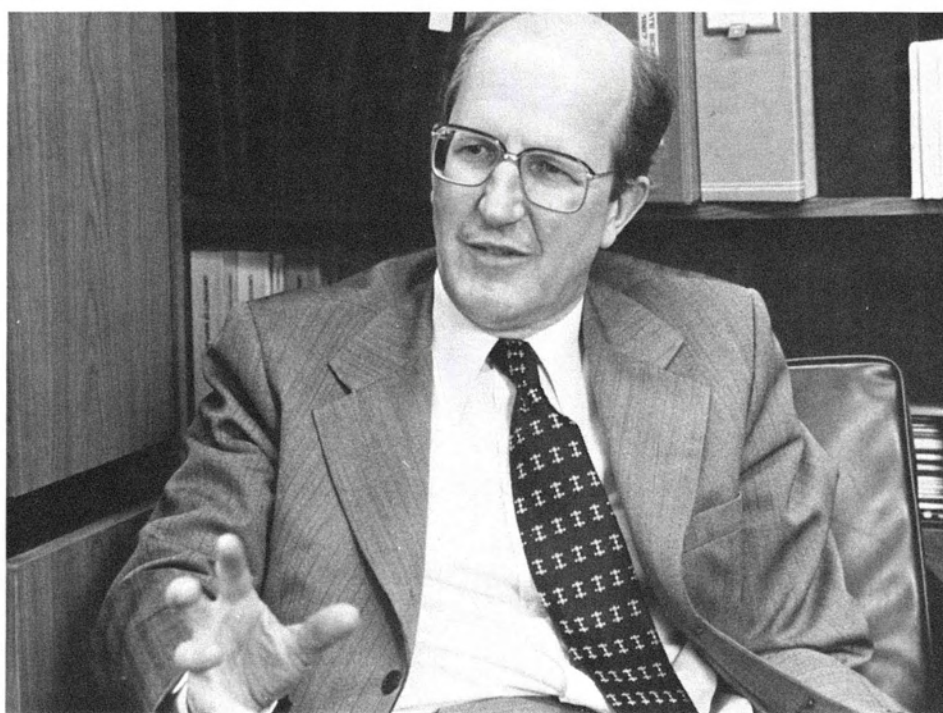
A. Yes. The Designated Research Initiative Fund (DRIF) is a moment of opportunity for the campus because we now have more funds available to help build the campus' research capability than we have ever had before. The question of the wisest use of these funds is something we're going to have to give a great deal of thought to over the next two to three years.

There are certain well-established initiatives in place—principally, the faculty fellowships and research support of the General Research Board, the Creative and Performing Arts Board and the bio-medical research fund. Those programs are well tested and should be continued. The question is how, if at all, they should be modified better to integrate them with our emerging opportunities.

If we think about research funds in a more general way, perhaps we can characterize two sorts of initiatives. Obviously, there needs to be a campus-wide pool of funds to which any individual faculty member is able to apply. There also may need to be a focused fund that is *intensive* rather than *extensive*. The problem with extensive funding is that only a very low level of support is available per person, when you are looking on a campus-wide basis. An intensive fund could give a significant boost to specified areas over a short period of time. Such a fund could be connected to the ongoing discussion of campus priorities by the Academic Planning Advisory Committee.

Q. How much are you talking about?

A. The funds available to support research through this office amount to approximately \$2 million a year. These funds are part of the DRIF fund—a total pot of \$5 million a year. Of this sum, one-third is going to faculty with funded projects in



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proportion to the indirect costs which they incurred, another large share goes to the deans of schools and colleges for their distribution, and additional small elements to undergraduate research. The \$2 million to which I've referred is the remainder and is specifically devoted to enhancing our research capabilities, on a campus-wide basis.

Q. Have you discussed placing a higher funding priority on those programs which rank highest nationally?

A. There are two answers to that question. The *extensive* part of the support continues to be based very much on individual competition and individual merit of proposals. The *intensive* support must be focused on campus priorities. We have two very central campus priorities. One is to nourish already excellent programs. The other is to bring forward programs on the verge of excellence and find ways to give them the additional thrust they may need to move to a higher level of quality.

Much can be done to assist departments in upgrading the strength of their master's and doctoral programs. I would like to see Graduate Studies and Research become much more active in program review, working closely with APAC to target areas where improvement is possible and of importance for the campus. By utilizing experienced faculty already on campus as well as the expertise of consultants from other schools, we should be able to raise admissions standards, recruit more effectively, and produce better dissertations and graduates. The Graduate Council has gone on record in favor of an increased effort, and the coming year will be a first test for a revived Program Review Committee.

Q. How do graduate fellowships relate to all of this?

A. As a campus we have not enjoyed the resources with which to attract as many talented graduate students as

we would like and to support them to the extent that our competitor institutions do. The graduate fellowship initiative is one promising beginning in redressing that balance. However, we have a long way to travel to develop the graduate student support we need—this is not simply single year fellowships, but multi-year fellowships.

We must also focus attention on the quality of graduate student life. We have considerable need in the graduate housing area and we have no graduate center where graduate students from different departments and disciplines may meet with one another, encounter faculty, take seminars or relax in coffee shop or lounge.

Q. Has your office had increased responsibilities since you became dean?

A. Yes. The most immediate example is the transfer of the Office of Sponsored Programs into Graduate Studies and Research as of July 1. This will be tremendously beneficial because we need to both "recruit" and maintain research grants. You can almost think of a grant by way of an analog with a student. There are recruitment and maintenance concerns that arise, and the ability to have a stronger intellectual input into helping faculty define funding opportunities is critically important. Also, the more those people engaged in maintenance activities are also engaged with the intellectual research life of the faculty, the more there is a mutual gain.

Q. Will this change bring a broader ability to support campus contracts and grants?

A. There's an allied issue. We are passing across a certain sort of watershed with Gramm-Rudman-Hollings. Federal research budgets have been rising more or less steadily over the past 40 years. We cannot expect them to continue rising in the decade ahead. Indeed, the question may be what is the size of shrinkage.

The corollary to that is that competition for federal research dollars is both going to change and become more intense. If we are to hold on to and enhance our share of those dollars, we shall need new strategies.

Q. What kinds of strategies are you thinking about?

A. We must search creatively in all directions and move away from too heavy reliance on any single source of funding. We must think about our appeal to corporate sponsors, about alliances with metropolitan, state, and national agencies, and about our ability to raise money from private foundations as well as other types of donors. We should be thinking of ourselves as a multiversity, and a multiversity goes to multiple sources.

Q. What is the biggest burden you face?

A. The problems of this office are the problems of the campus in microcosm—fundamentally, that we have not enjoyed the resources necessary to allow us to fulfill not only those ambitions that lie in the hearts of the faculty and students, but also to fulfill the needs that the state wishes to see fulfilled. As I look at this campus in comparison with others I have known, I am struck by two things. One is the extraordinary sense of vitality, forward movement and optimism that characterizes the community. The other is the woeful lack of resources to translate our ambitions into realities.

Q. What's the solution?

A. We need to consider together how we may better make the case for excellence in graduate studies and research at College Park—firstly to ourselves so that we are persuaded of it and know what we wish to achieve and how we wish to achieve it, and secondly, to the university system. We also must carry our case to the people of the State, particularly to those in the legislature who also as citizens, philanthropists, alumni, private supporters, enthusiasts and donors need to know that excellence is going to be built at College Park.

We all need to be reminded how one of the principal attributes of this campus is the extraordinary quality of faculty in a large number of academic units, spread all across the academic spectrum. Failing to see the forest, we also sometimes fail to see even the trees, unless they are the trees we are most familiar with. As a campus officer, it is my great delight to work with talented faculty in all the colleges, and the cumulative effect of that exposure to academic talent is striking. Faculty and graduate students in individual units may suffer ups and downs in morale when they look only at their own discipline, but there is a larger, and very heartening perspective too. The College Park campus is truly an extraordinary reservoir of talent and creative energy. It is that great depth of talent, in so many departments, that is our longest suit, and our means to progress. We must not lose sight of that. ■

—Roz Hiebert

OUTLOOK

Outlook is published weekly during the academic year by the Office of Institutional Advancement for the faculty and staff of The University of Maryland College Park Campus.

A.H. Edwards, Vice Chancellor for Institutional Advancement

Roz Hiebert, Director of Public Information & Editor

Rick Borchelt, Production Editor

Mercy Coogan, Tom Otwell, Rick Borchelt,

Tim McGraw, Brian Busek Staff Writers

Harpreet Kang, Student Intern

Richard Horchler, Director, Creative Services

John T. Consoli, Designer & Coordinator

Stephen A. Darrou, Design & Production

Margaret Hall, Design & Production

Al Danegger, Contributing Photography

Letters to the editor, story suggestions, campus information and calendar items are welcome. Send to Roz Hiebert, Editor OUTLOOK, 2101 Turner Building, through campus mail or to The University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335



Whole Approach to Health

Lifeline Wellness, a sports and preventive medicine program offered by the physical education department, provides the campus community with an inexpensive way to stay healthy. Taking an approach that integrates physical well-being with spiritual health, the program offers a wide-range of services including counseling, stress testing and physical fitness classes tailored to fit individual needs. For info, call x2928.

High Tide at Stamp Union

"Surf's Up!" is the theme of the Sixth Annual All-Niter set for Fri., Sept. 12 from 5 p.m. to 2 a.m. at the Stamp Union. The event, which includes free live music, movies and cartoons, special food discounts, games, prizes and a myriad of other entertainment, is designed to introduce the many programs and services available through the Stamp Union.



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continued from page 1.

for the Center to \$2.7 million of the requested \$3 million requested for full funding of the plan.
—\$335,000 for desegregation scholarship and fellowship support.
—\$938,000 and 12.73 positions for equipment, maintenance, utility and salary support for new facilities, about half of which will be allocated to the new Modular Research Facility, scheduled to ultimately cost some \$11.6 million.
—\$794,000 which restores some \$600,000 cut from this year's operating budget and adds an additional required amount to be used to upgrade salaries for police and annualization of enhancement programs for the College of Engineering.

—\$540,000 for salaries and fringe benefits for instructional support staff, which the Chancellor points to as the Campus' highest priority.
—\$342,000 to support increased costs for the Health Center.
—\$262,000 for increased fuel and utility costs.
—\$314,000 for increases in financial aid and tuition remissions associated with the 8 percent tuition hike proposed for next year.

The budget request also contains \$165.5 million in the Non-State Supported Program, which is \$10 million (6.5 percent) over the current working budget. Of the revenue increase, \$5.5 million (55 percent) will come primarily from auxiliary enterprise and other self-supported activity increases. The remaining \$4.5 million (45 percent) will come from an increase of 5.5 percent in federal funds. One million dollars of the federal fund increase will be allocated to the campus' Designated Research Initiative Fund (DRIF), which will total \$6.2 million in FY '88; \$3.5 million will support on-going contract and grant activities.

Eight new positions are requested within the Non-State Supported Program. Two will help expand network and course offerings of the Instructional TV Program (ITV), two will be devoted to athletic/academic counseling of students, and four will be needed to operate and maintain the new campus parking garage now under construction.

This parking garage—a self-funded operation—requires a hike in vehicle registration fees next year. Fees for students in residence halls will increase from \$25 to \$45; commuter

student fees will rise from \$20 to \$40; and faculty and staff fees will go up from \$25 to \$78. Commenting on these parking fee increases at his budget presentation, the Chancellor said, "These increases, I know, are bound to be unpopular, but unfortunately they are absolutely necessary. The cash flow from these increases is needed to support our long-term commitments to our bonding authority. We have an impending debt service for the new parking garage, which is now under construction and which will be ready for use in December of 1987. The new parking fees are truly modest when we look at those of other urban institutions."

Slaughter also highlighted the importance to College Park of the items on the University's Separate List—the request for funding of high priority projects not included within the MARC-based budget request.

Separate List items for UMCP total \$11 million in FY '88. They include:

- \$1.8 million and 55 new positions to increase base funding for operating expenses and support staff.
- \$1.4 million to increase the average merit increment for faculty and professional staff by an additional 1.5 percent over the 3.5 percent contained within the MARC budget.
- \$2.4 million and 51 positions to enhance selected academic programs which have the greatest potential for excellence. Among those targeted are \$550,000 and 14 positions for current excellent and core departments including policy studies, professional schools and colleges and arts education; \$300,000 and 3 positions for

life sciences; \$150,000 and 3 positions for marine and environmental and estuarine sciences; \$175,000 and 2 positions for the honors program; \$200,000 and 5 positions for foreign language initiatives; \$100,000 and 2 positions for cell and molecular biology; and \$920,000 and 22 positions to enhance undergraduate education.

• \$475,000 to increase undergraduate scholarships and graduate fellowships.

• \$3.1 million and 35 positions, of which \$1 million and 20 positions would bring added support to UMCP libraries, and \$2.1 million and 15 positions would go to the instructional and research computer centers and the administrative computing areas.

• \$125,000 as a modest increase in funding for new and replacement equipment.

• \$306,000 and 2 new positions for the State's Desegregation Plan, to provide more minority scholarships and fellowships.

• \$1.3 million and 7 positions for new research and public service initiatives, including \$108,000 and 2 positions for a public school initiative; \$200,000 for the Maryland Fire and Rescue Institute (MFRI); and \$1 million and 5 positions for Maryland Industrial Partnerships (MIPS), established by the Engineering Research Center to encourage cooperation on advanced technological projects between the University and industry. ■

—Roz Hiebert

Campus Telephone System to be Replaced

A major step in a multi-year process to replace the existing campus telephone network with a state-of-the-art telecommunications system was taken earlier this month when a request for proposals was issued. The request calls for the installation of a new system designed to meet all current needs as well as those projected over the next ten years.

Deadline for proposal submission is November 3, and a contract award and notice to proceed is expected to be made early next March. The new system is scheduled for operation by March 31, 1988.

"Changes in the regulatory scene, data processing revolutions, and great advances in telecommunications technology have affected every academic discipline," says UMCP Director of Communication Services Jonathan Rood. "The University has accepted the opportunities created by these developments. Its response is reflected in part in this project." Currently, UMCP is served by a Centrex II system provided by Chesapeake & Potomac Telephone Company. The campus system's switching equipment is located in the C & P central office in Hyattsville.

According to Rood, the system is

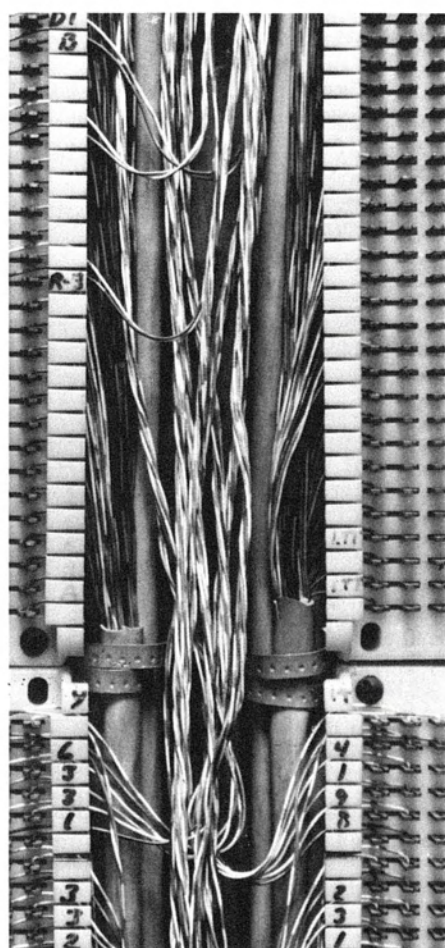
growing at a rate of six percent annually. Service is leased from C & P under terms of a Centrex Rate Stabilization plan that expires in March 1988.

The Centrex system provides basic telecommunications services to some 9,000 faculty and staff stations. Direct-Inward-Dialing and Direct-Outward-Dialing services are provided to departments and individuals via about 6,000 lines. Centrex II offers a reasonable mix of modern telephone features including touch-tone dialing, call forwarding, waiting, transfer, hold, and speed dialing. The more advanced features are installed on about 25 percent of the Centrex lines.

Long distance service is provided by a variety of tie lines to other University locations, Foreign Exchange lines to Baltimore, and WATS lines, both in-state and inter-state.

A number of electronic and standard electromechanical key systems, including an AT&T Merlin system in the College of Engineering, work in conjunction with the Centrex system. With the exception of Merlin, most of this equipment is rented from AT&T on a month-by-month basis.

Presently, telephone service to



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each dormitory room is not provided by the University. About 800 hall phones are available from the Centrex system. Toll calls from hall phones can only be made if charged to the called number, a credit card or a third party. However, dorm residents can make their own arrangement with C & P for a private residential line.

Rood notes that in addition to replacing the faculty and staff telephone system, the new system will offer the potential for telephones in each student's room.

"A wide variety of microcomputers, intelligent workstations, personal computers and terminals numbering well into the hundreds exist on campus," Rood says.

Options for special high speed data communications systems are included in the RFP. Additionally, the request for proposal calls for the provision of low speed data communications facilities to serve both host and terminal needs, potentially from any location on campus where a telephone exists, without rendering existing equipment obsolete. ■

—Tom Otwell

CALENDAR

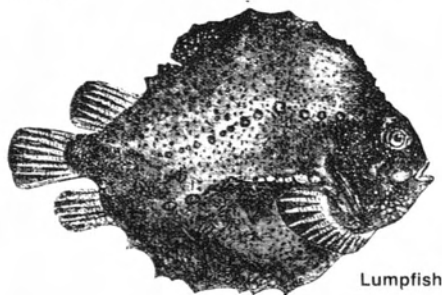
September 8 — 14

MONDAY

September 8

Behavioral and Material Determinants of Production Relations in Agriculture, a trade and development workshop by Hans Binswanger (World Bank), 3:30 p.m., 2106 Tydings. For info call Dr. Clague at x6362. *

The Structure of Fish Communities on Coral Reefs: Where do we go from here? an Ecology, Evolution and Behavior Series lecture by Peter Sale (U of Sydney, Australia), 4 p.m., 1208 Zoo-Psych Bldg. For info call x5904. *



Lumpfish

Connections: The Architecture of Gottfried Boehm, exhibit of drawings and sketches by the noted West German architect and winner of the 1986 Pritzker Architecture Prize, at The American Institute of Architects Building, 1735 New York Ave. NW. On view through Oct. 3. Exhibit hours are Mon.-Fri., 8:30 a.m.-5 p.m. and Sat. & Sun., 1-4 p.m. Sponsored by the School of Architecture in cooperation with the American Institute of Architects. *

Intramural Tennis Singles registration begins, 8:30 a.m., 1104 Reckord Armory. Deadline for registration, Sept. 16, 4:30 p.m. For info call x3124. *

Women's Field Hockey vs Loyola, scrimmage, 6:30 p.m., Turf behind Byrd Stadium. *

AAUW: What is it? Where is it Going? chapter meeting 7:30 p.m., College Park Municipal Bldg. For info call Terry Saylor, x3022 or Mary Ann Elliott, x3000.

LUV, a lighthearted production by Hillel Kasher Dinner Theatre of the B'nai B'rith Hillel-Federation Jewish Student Center. Tickets to the 7:30 p.m. dinner and 8:30 p.m. show are \$9.50 for Hillel affiliates and \$11.50 for all others. For reservations and additional info call 422-6200 between 10 a.m. and 5 p.m.

William Kapell Remembered, an exhibition of the great pianist's papers, diaries and memorabilia, at the Music Library, third floor Hornbake, through Oct. 31. Library hours are Mon.-Thurs. 8 a.m.-11 p.m., Fri. 8 a.m.-5 p.m., Sat. 10 a.m.-5 p.m. and Sun. noon-11 p.m. *

Opening reception for **Technology: Another World**, an arts and sciences exhibit featuring technological projects from various campus departments, 4-6 p.m., Parents Association Art Gallery in the Stamp Student Union. Show runs through Oct. 3; gallery hours, Mon.-Sat. 8 a.m.-8 p.m. and Sun. noon-8 p.m. *

New American Paperworks, exhibit of two-dimensional artworks and three-dimensional sculptures using handmade paper, opens at the Art Gallery in the Art-Sociology Building. Show on display until Oct. 12. Gallery hours are Mon.-Fri. 10 a.m.-4 p.m. (Wed. until 9 p.m.) and Sat. and Sun. 1 p.m.-5 p.m. Call x2763 for info. *

TUESDAY

September 9

Quantum Electrodynamics 1938-1950, an Historical Perspective physics colloquium by S. S. Schweber (Brandeis U), 4 p.m., 1410 Physics. Tea will be served from 3:25-3:55 p.m.

Trouble in Mind, movie, 7 p.m. & 9:30 p.m., Hoff Theatre. For info call x2594.

Benefits Orientation for new staff and faculty, 10 a.m., fourth floor of Hornbake Library. For additional info call Linda Kelly or Gene Edwards, x6312. *

Eric Bentley in Concert, a one-man show by the UMCP Communication Arts and Theatre professor, 8 p.m., Rudolph E. Pugliese Theatre (formerly the Gallery Theatre). Program continues through the 13th and resumes Sept. 16-20. Performances will also be held at 2 p.m. on Sept. 14 and 21. Tickets are \$8.50 for the general public and \$7 for students and senior citizens. Call x2201 for info.

Intramural Flag Football and Coed Volleyball fall entries deadline, 4:30 p.m., 1104 Reckord Armory. Call x3124 for more info. *

WEDNESDAY

September 10

Meet Me on the Plaza, dance by Improvisations Unlimited, 12 p.m. and 12:45 p.m., The Plaza in Bethesda. *

Stellar Explosions from a Nova Point of View, astronomy colloquium by S. Starrfield (Arizona State U.), 4 p.m., 1113 Computer-Space Sciences Bldg. *

Nyumburu Cultural Center Housewarmer, 7:30 p.m., 3125 South Campus Dining Hall. *

Women's Field Hockey vs Richmond, 4 p.m., Denton Field. *

Women's Field Hockey (second team) vs Georgetown, scrimmage, 5 p.m. *

African Music at Tawes

The songs, rhythms and dances of West Africa will fill Tawes Theatre Sat., September 20 at 8 p.m. in a program featuring the Ghanaian drumming and dance company "Odadaa!" and "Memory of African Culture," an ensemble from Senegal. The program is sponsored by the UMCP Dept. of Music, Student Entertainment Enterprises, Nyumburu Cultural Center, and the Maryland State Arts Council. For ticket info, call 454-2201.



Men's Soccer vs American U, 3 p.m. *

Women's Volleyball vs UMBC, 7 p.m., Cole Field House. *

Mediation Process: Conflict Management, a Counseling Center R&D lecture by Peter Maida (CRIM), noon-1 p.m., testing room, Shoemaker. *

Computer Graphics Exposition, sponsored by the Design Association (DA), features hardware and software demonstrations and guest speakers including a professional computer graphic artist, 9 a.m.-3:30 p.m., Marie Mount Hall. Call x2135 for info. *

Trouble in Mind, movie, see Sept. 9.

THURSDAY

September 11

Minority Leadership Forum for minority student leaders and minority student group advisors, 4-6 p.m., 1101 Hornbake. Call Bekele Molla, x4901, for info. *

Dissipative MHD, physics seminar by Adil Hassam (PHYS), 4:15 p.m., 1410 Physics Bldg. *

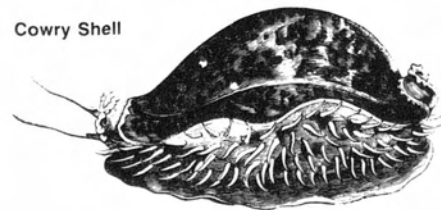
Big Trouble in Little China, movie, 7 p.m. & 9:30 p.m., Hoff Theatre. For info call x2594.

FRIDAY

September 12

Reef Fish Ecology at the One Tree Island Field Station: Questions Being Asked and Methods Being Used seminar by Peter Sale (U of Sydney, Australia), noon, 1208 Zoo-Psych Bldg. *

Cowry Shell



Big Trouble in Little China, movie, see Sept. 11.

Back to the Future, midnight movie, Hoff Theatre. Call x2594 for info.

Global Development and Cooperation: Common Crisis, two-day economic development conference on the UMCP campus. For info contact John Rowntree (Int'l Programs), x8993. *

Communications and Signal Processing: Research and Applications, Engineering Research Center Symposium, 8 a.m. Registration fee, \$30.00. For additional info call x7941.

Maryland-Delaware-D.C. Press Assn., Summer Conference through Sept. 14, Sheraton Fontainebleau

Inn, Ocean City, MD. For info call 454-0245.

Prevention of Chemical Dependencies, Lunch 'n Learn Series Conference by Donald Ian Macdonald (ADAMHA), 1-2 p.m., 3100E Health Center. For info contact Paul Steinberg, x4925. Sponsored by the campus Mental Health Service. *

SATURDAY

September 13

Football Team vs. Vanderbilt, 7 p.m., Byrd Stadium.

Papermaking Lecture & Demonstration, 3:30-5 p.m., Pyramid Atlantic. Advance registration suggested. For info call 291-0088. *

Reception for Paperworks Now, exhibit at the Wallace Wentworth Gallery, Ltd., 2006 R St., Washington, D.C. On view through Sept. 27. Call 387-7152 for info.

Big Trouble in Little China, movie, see Sept. 11.

Back to the Future, midnight movie, see Sept. 12.

SUNDAY

September 14

National Benefit for Judith A. Resnik Memorial Scholarship and Fellowship Endowments, tribute to the late astronaut and UMCP graduate featuring Carl Sagan (Cornell U) as guest speaker, 7:30 p.m., The Pavilion of the Old Post Office Building, 1100 Pennsylvania Ave. N.W., Washington, D.C. For additional info and reservations, call x5067.

The Role of Handmade Paper in International Cultural Interchange, symposium by Ruth E. Fine (curator, Dept. of Prints and Drawings, National Gallery of Art), 3-5:30 p.m., Art-Soc. Bldg. *

Awards for Excellence in International Cultural Interchange presented to Robert Rauschenberg and Shoichi Ida by Daniel J. Terra, U.S. Ambassador-at-Large for Cultural Affairs, 5:30 p.m., Art-Soc. Bldg. *

Reception for the final showing of *New American Paperworks*, 6-8 p.m., the Art Gallery, Art-Soc. Bldg. *

Women's Soccer vs West Chester U., 2 p.m. *

Big Trouble in Little China, movie, see Sept. 11.

* FREE ADMISSION



ARTS AT MARYLAND

At Seventy—A New Career for Eric Bentley

Eric Bentley, professor of Communication Arts and Theatre and Comparative Literature, will celebrate his 70th birthday September 14 on the stage of the Rudolph E. Pugliese Theatre during his one man show, "Eric Bentley in Concert."

Bentley is internationally known as a scholar, writer, critic, playwright, and translator of Bertolt Brecht.

In this, his premiere performance in the Washington area, Bentley will sing a program ranging from his Brecht translations to the love songs of Jacques Prevert, songs he calls "romantic and otherwise." It is the same performance that won critical acclaim at the Lyceum Studio during the 1985 Edinburgh Festival and at Reno Sweeney's cabaret in New York City.

Bentley performs September 9-13 and 16-20 at 8 p.m. and September 14 and 21 at 2 p.m. Tickets for "Eric Bentley in Concert" are \$8.50 for the general public and \$7 for students and senior citizens. For information, call 454-2201 or write University Theatre, Tawes Theatre Box Office, The University of Maryland, College Park, MD 20742.

On September 18, at 2 p.m., Bentley will introduce and sign copies of his latest book, *The Pirandello Commentaries*, in the University Book Center of the Adele H. Stamp Union.

Although best known for his translations of Brecht's plays, Bentley has written and directed many plays, produced translations from several languages and now, at age 70, is embarking on a new career as a cabaret-style singer and songwriter.

"I began singing at an age when most singers gave it up," he notes.

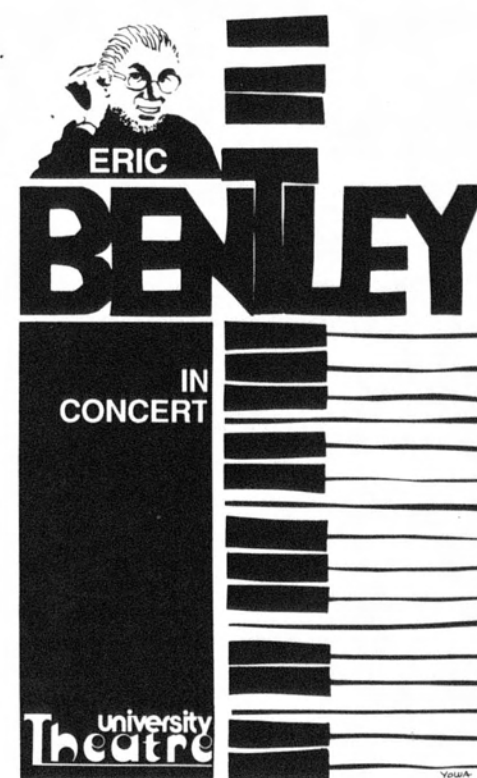
The Times of London said "He could be the worst singer in the world, and it would still make your heart miss a beat to see that fragile figure arriving at the piano keyboard and launching shyly into the material he loves. His singing needs no apology. . . Its range is confined, its quality husky; but such is the intelligence and sensitivity behind it that he can touch the heart of anything from a Prevert street-walker's song to the grief of Brecht's 'Song of a German Mother'."

Born in England and educated at Oxford and Yale, Bentley has taught

Curtain's Up

Nostalgia, comedy and music highlight University Theatre's 1986-1987 season. "The 1940's Radio Hour," a show that takes its audience back to the golden age of radio, opens the season Nov. 6 and runs through the 15th. It is followed by

the Shakespearean farce "Love's Labour's Lost," which will be performed Feb. 26 through March 7. The season's grand finale April 2-6 is "John Raitt! Encore," a musical journey by the actor through his 40-year career on Broadway. For ticket info, call x2201.



director, anthologist, playwright and pundit," the citation read. "He is widely admired for what he means to the American stage." ■

—Tom Otwell

Remembering William Kapell—An Exhibition in the Music Library

Where do you go to find memorabilia associated with the greatest American pianist of the 20th century?

Answer: the William Kapell collection—including acetates of his greatest performances—is now fully intact at The University of Maryland International Piano Archives in Hornbake Library.

When the IPA was still in New York, Anna Lou Kapell-Dehavenon, William Kapell's widow, presented to the archives a number of unique acetate recordings of Kapell performances. And now, with the naming

of the University's International Piano Competition for William Kapell, Dehavenon chose to present the William Kapell collection of papers, diaries and memorabilia to the archives on behalf of the Kapell family.

Kapell, who died in 1953 at the age of 31, has been described by critics and champions as the greatest American pianist of the 20th century. American born and trained, his career lasted barely 11 years, yet his impact on the music world has made him a legend both to succeeding generations and to the people who knew him during his brief life.

In the 33 years since the pianist's death, Dr. Dehavenon has maintained contact with Kapell's friends and professional colleagues and has carefully preserved the papers, scrapbooks, diaries, photographs, press clippings and recordings which document his stunning career.

At the opening of *William Kapell Remembered*, an exhibition of some of the material which will be on display in the Music Library until October 31, many of Kapell's friends and associates were on hand for the presentation. Some of the guests included pianists Gary Graffman, Leon

Fleisher and Eugene Istomin; composer-writer-pianist Abram Chasins; and Mrs. Eugene Ormandy.

The exhibition features six sections: Musical Origins, Building a Career, the Touring Musician, Musical Growth, Kapell and the Critics, and Kapell's Legacy. A 20-minute multimedia show on Kapell also may be seen by appointment.

Music Library hours are Mon.-Thurs. 8 a.m.-11 p.m., Fri. 8 a.m.-5 p.m., Sat. 10 a.m.-5 p.m. and Sun. noon-11 p.m. ■

Greene Wins Kapell Piano Competition

Following an intense final round with the National Symphony Orchestra last July, the winner of The University of Maryland International William Kapell Piano Competition was selected by the finals jury.

Arthur Greene, a 31-year-old Massachusetts native, won the competition with his performance of Brahms's Concerto No. 2 in B-Flat, the longest in the repertoire and considered a risky selection for competition.

"But Greene assumed the risk and won—in more ways than won," according to a reviewer for *The Washington Post*. "It was virtuoso reading. But that was not what most mattered about it. For above all one was conscious throughout that here was a mature musician—one of intense concentration and seriousness of purpose."

The final concert, which

culminated 10 days of intense competition among 35 contestants who were chosen from more than 90 young pianists, took place at the Kennedy Center Concert Hall. Greene was awarded the first prize of \$17,000, followed by second prizes of \$7,500 each for Nelson Padgett and David Allen Wehr.

As the competition winner, Green performed with the Philadelphia Orchestra late last July and will perform in a debut recital in New York's Carnegie Hall on January 7, 1987.

Semi-finalist prizes went to Lawrence Blind, Monday Night Musicales Prize (\$500); Peter Collins, Loren Eisely Memorial Prize (\$500); Duane Hulbert, AW Industries Prize (\$500); Dalya Khan, Piano Festival Alumni Prize (\$500) and the Charles & Ethel Morganston Memorial Prize (\$500); Thomas Labe, Baldwin Prize (\$500); and Carolyn True, Boucher

Memorial Prize (\$500), Abram Chasins Award (\$1,000) and the P.G. County Arts Council Prize (\$500).

Two special prizes were awarded

to finalist Nelson Padgett: the Beatrice Simmons Sabghir Memorial Prize (\$600) and the G. Maurice Hinson Prize (\$500). ■

Gallery Theatre Renamed for Rudolph Pugliese

Rudolph E. Pugliese, a professor in the department of Communication Arts and Theatre, recently retired from the University of Maryland after 38 years of teaching and directing. To honor his dedication to theatre on the College Park Campus, the Board of Regents has approved renaming the Gallery Theatre the Rudolph E. Pugliese Theatre.

Performances in the Rudolph E. Pugliese Theatre during University Theatre's 1986-87 season include

"Eric Bentley in Concert," September 9-21, "The Learned Ladies," December 2-14, "Ubu Roi," February 10-22, and "To Gillian on Her 37th Birthday," April 28-May 10.

For tickets and info, call the Tawes Theatre Box Office at 454-2201 (voice & TDD) weekdays from 11 a.m. to 4 p.m., or write University Theatre, Tawes Theatre Box Office, The University of Maryland, College Park, Maryland 20742. ■

CLOSE UP

Shifting Sands: Campus Centrifuge in Geotechnical Research



Civil engineering professor Deborah Goodings with campus geocentrifuge.

AL DANIEGGER

At the end of the arm of a rapidly-spinning centrifuge, a scale model of an earthen retaining wall begins to crumble as increasing gravitational forces start to affect its stability. The break-up of the model is monitored and recorded by a video camera, and a series of sensing devices measure pressures, particle movement and strains taking place as the loading increases.

Although she is spending this academic year at the University of Colorado at Boulder under a National Science Foundation Visiting Fellowship for Women, UMCP civil engineering professor Deborah Goodings will continue the geotechnical engineering research she began at UMCP.

For the last five years, Goodings, who earned her bachelor's degree from the University of Toronto and Ph.D. from Cambridge, has been using a waist-high, ten-foot diameter centrifuge to test stability in soil models of slopes, tunnels, foundations, dams and retaining walls.

Attached to one end of the centrifuge arm is a swinging model mounting platform—a glass-windowed box about the size of an orange crate. In it, Goodings builds earth models of the structures she wishes to test.

Hydraulically driven and accelerating at speeds of up to 200 g, or 200 times the Earth's gravitation, the centrifuge simulates the effect of full scale stress gradient conditions by increasing the self-weight of the model by a factor of 200.

Twenty-four electrical slip rings allow transmission of a continuous picture of the test in progress taken by a video camera mounted at the hub of the centrifuge. As the model spins at speeds of up to four times per second, images of the model are preserved on a video tape recorder. A variety of sensors measure and record pressure, strain and displace-

ment of the model during the test.

Goodings says that the special advantage to this geotechnical engineering is that it allows researchers to test real soil in a stress correct, three dimensional situation. Results help scientists and engineers determine the strengths and weaknesses of the full scale structure. Tests can be run on soil and rock slopes, tunnels, retaining walls, piling foundations, embankments, off-shore drilling islands, and can model loss of soil strength during earthquakes.

"Centrifuge modeling is equally useful," she says, "for structural engineering research into the behavior both before and at failure of large members such as long steel arches use for roof supports in sports stadiums and of large dams. What we can do is simulate the stresses on soils and structures in real situations."

Goodings' research has included work on centrifuge modeling of slope failures and slope instability in Ottawa-area Champlain Sea clay, an examination of the behavior of reinforced soil-retaining walls for the Engineering Foundation and a study of slope instability for NSF.

"By using real soil from the site, we can observe and test a real soil event, the effect of individual particles on the behavior of the model," she says. "In the model under stress, particles of sand or gravel might behave as boulders would in real situations."

Currently she is working on projects for the Maryland State Highway Administration on the use of retaining walls reinforced with geotextile material and the Air Force Office of Scientific Research on basic modeling of blast-induced craters.

In 1985, she won the Transportation Research Board's Fred Burggraf Award for Excellence in Research.

The campus centrifuge is about 20 years old and until last year was located at NASA's Goddard Space

UMCP Joins Holmes Group

The College of Education has accepted an invitation to join the Holmes Group, an organization of some 40 research-oriented institutions committed to making changes in teacher education and the teaching profession. The group's goals include making the education of teachers more intellectually solid, recognizing

differences in teachers' knowledge, developing skill and commitment in education certification, establishing a policy that relates to standards of entry into the profession, connecting institutions with the schools, and making schools better places in which to teach and work.

Flight Center in Greenbelt where it was used by the space agency as a high speed accelerator for space craft research.

For three years, Goodings had to travel to Greenbelt to conduct her research. Last year, the \$100,000 Genisco centrifuge was declared "surplus" by NASA, and Goodings was able to acquire the machine and have it relocated to a bay in the UMCP Engineering Laboratory Building. "NASA only asked that if a problem arose, could they use it here," Goodings says. She gladly agreed to that condition.

While it was still at Goddard, she adapted the centrifuge by strengthening its arm to increase its payload capacity by 50 percent. This upgrade was funded by the Minta Martin Fund, the National Science Foundation, the College of Engineering and the Department of Civil Engineering. NASA, she says, was extremely cooperative in allowing her to modify the machine and, as long as her work did not interfere with NASA's own research, she had liberties to make adjustments with official approval.

She found that the University used the centrifuge more often than NASA.

UMCP is one of only eight American universities with such a modeling facility. Others are located at Princeton, the University of Florida at Gainesville, MIT, the University of Kentucky, Cal Tech, the University of California, Davis and the University of Colorado at Boulder which, Goodings says, is completing a centrifuge with a 4 meter radius arm, which will make it

the largest operating university research facility in the country. The idea of using centrifuges to simulate geotechnical events, Goodings notes, was first introduced in the 1930s by two scientists in the Soviet Union and one in the U.S., each working independently of the others. Because of U.S. predominance in the field of computers and computer modeling of soil behavior, the trend in this country was away from physical modeling. The Russians continued their centrifuge work, but, because the research was primarily related to defense and explosives, little information emerged from the U.S.S.R.

In the 1960s, Andrew Schofield of Cambridge University, who was Goodings' Ph.D. advisor, renewed Western contact with Soviet researchers in the field and by 1969 had revived the idea of using the centrifuge for soil simulation.

"The shortcomings of computer modeling led us back to the physical model," Goodings says. "For example, subsidence in underground mines—how far apart should the solid pillars of coal, rock or ore left standing to support a mine roof or tunnel be spaced? The three-dimensional effects needed to find out are difficult or impossible to achieve by computer modeling alone, and it is far too dangerous and expensive to determine in the field. "But together, the two techniques work very well. We can calibrate and investigate new mechanisms where we are not exactly sure what the real thing is going to look and act like." ■

—Tom Otwell

Sagan To Speak At Resnik National Benefit

Astronomer Carl Sagan will be guest speaker at the National Benefit for The Judith A. Resnik Memorial Scholarship and Fellowship Endowments.

Sagan is David Duncan Professor of Astronomy and Space Sciences and Director of the Laboratory of Planetary Studies at Cornell University.

The benefit and memorial tribute to the late astronaut will be held Sunday, September 14 at 7:30 p.m. in The Pavilion of the Old Post Office Building, 1100 Pennsylvania Ave. N.W., Washington, D.C.

The program will feature an exclusive showing of the motion picture, *The Dream Is Alive*, videotaped tributes by U.S. Senator John Glenn, NBC News' Tom Brokaw, and Pulitzer Prize-winning author James A. Michener, and performances by jazz pianist and UMCP music professor Ron Elliston, and fine arts

students from Carnegie Mellon.

Each guest attending the benefit will receive a complimentary copy of *Challengers: The Inspiring Life Stories of the Seven Brave Astronauts of Shuttle Mission 51-L*. The book was written by staff writers of *The Washington Post* following the January 28 explosion of the Challenger.

Judith A. Resnik earned her Ph.D. degree in Electrical Engineering at UMCP in 1977. Following her death, the College of Engineering established a memorial fellowship in her name. Proceeds from the benefit will be used to help endow the scholarship and fellowship funds at UMCP and Carnegie Mellon.

Benefit tickets are \$50 each. For information and reservations, call 454-5067. ■

Especially for The Hearing Impaired

A 12-week course, "Better Communication for the Hearing Impaired," begins Sept. 23 at the campus Speech and Hearing Clinic. All UMCP staff, students, faculty and their immediate family, including retired employees, are eligible. The course costs \$20. For info, call Lynn Perlroth, x6906.

Looking for a Few Good Tutors

Tutors with special talents in Mathematics, Economics, Computer Science, Chemistry, Physics, and Business Management are being sought by the Office of Minority Student Education. For details, call Joel Smith or Alem Asres at x4901.

COLLEGE PARK PEOPLE

The Poet of Hornbake Library



JOHN T. CONSOLI

IN THE SPOTLIGHT: Valerie Russell

Valerie Russell is hard pressed to remember a time when she didn't enjoy words and images and the interplay between them. As a youngster growing up in Frederick, she recalls spending hours at a time

trying to capture her thoughts on paper.

Today, Russell is a desk supervisor of the library's Nonprint Media Services—a job she both enjoys and does well. She is also a person com-

mitted to what Carl Sandburg called "the achievement of the synthesis of hyacinths and biscuits"—the art of poetry.

"I have been writing poetry for as long as I can remember," she says. "I consider being a poet my 'real' work, the reason for which I was born."

In one of her earliest works, "Poetsong," Russell expresses her deepest feelings for what a poet is all about.

If my words can help
you, let them fall,
a warm shawl draped
around your shoulders.
Let my words give you
joy, or make you free
enough to own your own
pain. Let them hug you.

If you need them, take
what vowels I phrase together.
Let them heal. Come, drink
from the flood wells of my ink.

Let them be an anchor.
Like a lover, you can come
close and remain welcomed.
In the silence in between

my sounds, we are all here
to listen. All of our voices
rise up from the same waters.
My words stream out,
bloodstrong, for us all.

One of four children, Russell says that neither her mother nor father encouraged her pursuit of poetry. To the contrary, her father felt there was little future and less money in becoming a full-time "rhymester."

"The first strong encouragement I received was from my Frederick High School English teacher," she says. "She told me I had a talent and that I shouldn't hide it. Also, I had the opportunity to meet Gwendolyn Brooks when I was 16 and told her of my aspirations. She said, 'Just keep on writing no matter what.'"

She took Brook's advice. Particularly since the birth of her and husband Don's daughter, Raesiquilla, in 1975, Russell has devoted several hours every day to writing.

"I usually sit down around 10:30 p.m. and get to bed by 2 a.m.," she says. "Sometimes, though, I get so wrapped up in what I'm doing that it's suddenly 4 a.m. and I have to be at work at 8:30 a.m. It gets a little crazy."

Russell's poems have appeared in several publications, including *Calvert*, the campus' literary magazine, and *Upfront: a Black Woman's Newspaper*. Most recently, a work entitled "Oh Sylvia" was printed in the *New York Quarterly*.

She has also given readings of her work at the Montpelier Cultural Arts Center in Laurel, at Artscape '85 in Baltimore, and at the campus' Nyumburu Cultural Center.

"My favorite things are the sun, the moon, rainbows, plants, good poetry, good music and purple," says the poet of Hornbake Library. "Some of my least favorite things are TV, guns, cold weather, apathetic people, violence (of any kind) and oppression (of any kind)." ■

—Mercy Hardie Coogan

Behind The Scenes...

"One ringy-dingy, two ringy-dingies..."

Avid Lily Tomlin fans break into wide grins just thinking about her sidesplitting portrayal of "Ernestine," Ma Bell's marvelously eccentric operator. Who could possibly forget her conversation with Gore Vidal ("Is this the party to whom I am speaking, Mr. Gorie Veedal?"), her inimitable facial expressions or her eloquently insinuating body language?

Fortunately for the campus community, UMCP's team of 12 telephone operators bear not the slightest resemblance to the ir-repressible, nosy, opinionated and often testy Ernestine. Under the supervision of **Carolyn Foxwell** and **Kitty Grabo**, full-time operators **Erika Bollinger**, **Mary Lou Kernan**, and **Donna McTavish**, as well as part-timers **Ethel Holford**, **Josephine Keefer**, **Jean Schroeder**, **Mary Thackeray** and students **Bob Libys**, **Robert Mendelson** and **George Rankin** are known best for their patience, courtesy and helpfulness.

Recently, the operators, who field over 2,600 "information please" calls each day, received automated help with their work in the form of the Hewlett Packard 3000 series retrieval system. Computer wizardry now

enables the operators to process callers' queries in a fraction of the time it took to do the job manually...

The Computer Science Center has its share of computer wizards, too. Consider, for example, **Linda Hoffman** and **Carol Warrington**, just two of the center's resident experts. They team teach classes to UMCP employees intent upon unraveling the mysteries of IBM's WordPerfect software package. "Learning this program is not really difficult," said Warrington to those attending a recent session. "The directions are quite clear and even people who have never worked with a computer can master it—eventually." Righto. In addition to teaching, both Warrington and Hoffman have supervisory jobs at the center. "We wanted a little more challenge in our work and asked if we could add teaching to our job descriptions," explains Hoffman. The team has earned rave reviews from students, even the ones who aren't exactly prodigies when it comes to mastering the P.C.—especially the ones who aren't prodigies!

Tina Rapisardi, Dept. of Communication Services, also belongs to a team—several, in fact. During the summer she spent most evenings

playing softball for *three* area leagues: a women's slow pitch, a co-ed slow pitch and a campus intramural. "My fiance coached the co-ed team and my two brothers played on it as well," she says. Rapisardi is also a member of a scuba club and has made dives off Soloman's Island and the Florida coast...

Besides his work as an engineering technician with IPST, where he makes research equipment for UMCP

and other institutions, **Ray Bendt** is the vice president of the Classified Employees Association. "Ours is the oldest public sector labor union in the state," Bendt says. "It represents nearly 23,000 people, about 500 on our campus." UMCP's Chapter 21 was responsible for recommending to the administration the establishment of the emergency snow policy that was enacted several years ago. For more info, call Bendt on x2245. ■

New Employees Urged to Attend Benefits Orientation

Don't put that invitation to attend an employee benefits orientation seminar into your circular file. Especially if you are a new UMCP staff or faculty member, it might be wise to mark your calendar for one of the seminars to be conducted on the second Tuesday of each month through December.

"Many of our employees, particularly new ones, really are not aware of all the benefits available to them," explains Linda Kelly of the Benefits Office. "So we conduct these seminars and invite faculty and staff to learn about the full range of options open to them as UMCP

employees. It is very important for everyone to fully understand these matters so that delayed enrollments and/or loss of benefits coverage do not occur."

All benefits seminars will be held at 10 a.m. on the fourth floor of Hornbake Library. Presentations will be made on health and retirement, life insurance and all other benefits plans.

The staff benefits seminars will be conducted on these dates: Sept 9, Oct. 14, Nov. 11 and Dec. 9.

Additional information about the seminars may be obtained from either Linda Kelly or Gene Edwards, x6312. ■

UMCP Has Peace Corps Ties

This month, the Peace Corps celebrates its 25th anniversary. The agency's ties with UMCP are nearly that old. In the early 1960s, the campus was a Peace Corps training site for volunteers bound for assignments in British Honduras (now Belize), Turkey, Ecuador, Venezuela and Morocco. According to the agency, almost 500 UMCP alumni have served as volunteers, ranking the campus 31st among colleges and universities

whose graduates joined the Corps. And, according to Rich Della Costa, director for recruitment for the PC's Eastern Region, "The University of Maryland is our number one producer of volunteers." UMCP faculty and staff members who are former volunteers include Roger Lewis and William Bechhoefer (Arch.), David Sammons and Raymond Weil (Agron.), Stephen Sawyer (Geography), Harriet Lipowitz (MD

Eng. Inst.), Edgar Butt (CS Center), Philip Favero (Comm. Res. Div.), Paul Maxwell (Internation Dvlp. Mngt. Center), Lee Knefelkamp (Counseling), and Tom Otwell (Inst. Advancement).

FYI

Auburn Honors Prather

Elizabeth Sturkie Prather, head of the Department of Food, Nutrition and Institution Administration for the last 18 years, has been named the 1986 Distinguished Alumna of the Auburn University School of Home Economics. Prather, an Auburn native, earned her M.S. degree at AU and began her professional career at the Auburn Human Nutrition Research Laboratory.

Schumacher Wins AIA Grant

Thomas L. Schumacher (Architecture) has been awarded the Brunner Grant from the New York Chapter of the American Institute of Architects. He will use the grant to write a book on the Italian Modern Movement Architect, Giuseppe Terragni.

Valadez Wins Fellowship

Joseph J. Valadez, who earned his Ph.D. at UMCP, is one of 36 minority-group scholars selected by the National Research Council to receive Postdoctoral Fellowships for Minorities sponsored by the Ford Foundation. Valadez will spend a year at Harvard U. working in the area of international affairs.

Kelly Heads Md. PRSA

Kathleen S. Kelly, associate dean of the College of Journalism, has been elected president of the Maryland Chapter of the Public Relations Society of America. Kelly, who has been accredited by PRSA since 1979, also serves as treasurer of the Educational and Cultural Organizations Section of the national society.

Robock Wins AAAS Fellowship

Alan Robock (Meteorology) has been awarded a Congressional Science Fellowship by the American Associa-

tion for the Advancement of Science. Beginning this month, he will serve for a year on the staff of a member of Congress or a Congressional committee as a scientific advisor.

Samon Wins Award

Jud Samon, coordinator of academic services for international students and faculty at UMCP, has won the 1986 Apperson Award of the Potomac & Chesapeake Chapter of the National Association of College Admission Counselors. The award recognizes "extraordinary service to students." Samon was cited for his "longtime devotion to students and to higher education."

Lee and McIlrath Honored

Chi H. Lee (Electrical Engineering) and Thomas J. McIlrath (Institute for

Physical Science and Technology) have been elected Fellows of the Optical Society of America. Lee was honored "for his pioneering work in picosecond optoelectronics and picosecond lasers, and nonlinear optics." McIlrath was cited "for outstanding contributions to the spectroscopy of laser-excited atoms and ions and the production of tunable VUV radiation by nonlinear mixing."

Mangold's Opera Published

Martin Mangold's one act comic opera "BLEAH," first performed by the University of Maryland Opera Theatre last May, has been accepted for publication by MMB Music Inc., St. Louis. Mangold, assistant professor of music, also composed "Huckleberry Finn," an opera also published by MMB Music.

Honorable Mentions Awarded

Roger Lewis and Paul C. K. Lu (Architecture) won Honorable Mention awards for their individual entries in the Maryland Vietnam Memorial Commission's competition to design a memorial honoring the 1,009 Free Staters killed in action and the 37 still listed as missing. Architecture graduate Michael Elliott ('82) was a member of the design team that won First Prize.

KEITH SINROD



BEFORE

Nugent House Just a Memory

Nugent House (Bldg 116) is now only a memory. During the weekend of



AFTER

August 16-17, the three-story wooden frame building that once was home to the HELP Center and for 13 years W3EAX, the campus amateur radio station, was demolished and burned as part of the Phase V Housing Program. Members of the campus Fire Department practiced fire fighting techniques during the building's

destruction. During the 1950s, the house served as a fraternity and sorority house and from 1959 to 1964 was home of football coach Tom Nugent. The site of the 55-year-old house will become an extension of parking lot J, according to Resident Life Engineer Joe Guiliani.

FOCUS

Ag Alumni Commissioned As County Ambassadors

Thirteen alumni of the UMCP College of Agriculture have been commissioned as Agricultural Ambassadors from the University to the Maryland counties where they live.

The new ambassadors were sworn in at a special orientation and campus reception last spring, notes Raymond Miller, vice president for agriculture and dean of the College.

Ambassador Program Coordinator Ronald J. Seibel, associate professor of agriculture education and director of the Institute for Applied Agriculture, and David Simpson, president of the Agriculture Alumni Chapter, presided during the commissioning ceremony.

The ambassadors were charged with establishing "a presence for the College of Agriculture in the county in which you reside, to represent the College to the public and the public to the College at appropriate occasions, and to initiate and enhance local awareness of the College in your community."

Ambassadors also will assist the

College in identifying outstanding high school students interested in pursuing undergraduate studies in agriculture at College Park, Simpson said.

Former Dean of the College of Agriculture Donald Hegwood, and David Miller, past president of the Agriculture Alumni Chapter, were instrumental in setting up the Ambassador Program. Eventually, the College hopes to commission two Ambassadors in each county. Ambassadors serve two-year, renewable terms.

"The Agriculture Ambassadors Program launches a new and important covenant between the College and its graduates," Miller told the new Ambassadors. "Under the joint leadership of Dr. Seibel for the College and Mr. Simpson for the Ag Alumni Board, I have every reason to believe that this cooperative project between the College and its Alumni will exceed beyond all reasonable expectations." ■

Bohr-Schrodinger Symposium Set

A symposium honoring the centennial of two fathers of modern quantum mechanics, Niels Bohr and Erwin Schrodinger, will be held at UMCP this fall. The symposium is sponsored by the Physics Department, the Committee for the History and Philosophy of Science and the Institute for Physical Science and Technology under a grant from the Maryland Humanities Council.

Three guest speakers will deliver special lectures during the symposium. H.B.G. Casimir, retired director of the Philips Research Labs, Eindhoven, The Netherlands, will discuss "Bohr, Schrodinger and Einstein: Reminiscences of the Early Days of Quantum Mechanics" Sept. 15. He is one of the few people still alive who worked with both Bohr and

Schrodinger. Casimir also will lecture at a Physics Colloquium Sept. 16 on "Van Der Waals forces and Zero Point Energy."

On Sept. 22, Aage Peterson of Yeshiva University will speak on "Quantum Physics and Philosophical Tradition." Peterson worked with Bohr in the 1950s.

Jeffrey Bub, an expert on the philosophy of quantum mechanics, recently appointed to the UMCP Philosophy Dept., will speak on "From Micro to Macro: Reflections on Schrodinger's Cat" Oct. 6.

Lectures will be held in the physics lecture hall, room 1412, Physics Bldg. at 4 p.m. A film on the life of Bohr, produced by the Danish government, will also be shown. ■